

# Number Games and Story Problems

(Addition and Subtraction)

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Related *SFAW Mathematics* Chapters

**Strategies for Addition Facts to 12** (Chapter 3)

**Strategies for Subtraction Facts to 12** (Chapter 4)

**Addition and Subtraction Facts to 18** (Chapter 11)

## **Investigation 1: Number Combinations**

Session 1: Pictures of Ten

Sessions 2 and 3: Number Combinations

Sessions 4 and 5: Total of 10

Session 6: How Many of Each Color?

Sessions 7, 8, and 9: Crayon Puzzles

Session 10 (Excursion): Number Combination Stories

### **SFAW lessons replaced:**

3-2 Adding in Any Order

4-4 Problem-Solving Strategy: Write a Number Sentence

### **SFAW lessons to be taught/incorporated:**

3-1 Counting On 1, 2, and 3

3-3 Adding 1, 2, or 3

3-4 Adding Using a Number Line

3-5 Problem-Solving Skill: Extra Information

4-1 Counting Back Using a Number Line

4-2 Counting Back

## **Investigation 2: Two, Fives, and Tens**

Session 1: How Many Hands?

Session 2: Two and Fours

Session 3: Collect 25¢ Together

Sessions 4 and 5: Counting and Combining

Sessions 6, 7, and 8: Numbers to 100

Session 9: Patterns of Fives and Tens

Sessions 10, 11, and 12: Twos, Fives, and Tens

Session 13 (Excursion): Counting by Kangaroos

### **SFAW lessons replaced:**

3-6 Doubles

3-7 Doubles Plus 1

3-8 Sums of 10

3-9 Problem-Solving Strategy: Draw a Picture

3-10 Problem-Solving Applications: Hop to It!

4-3 Using Doubles to Subtract

## **Investigation 3: Addition and Subtraction**

Session 1: Combining Situations

Session 2: Separating Situations

Sessions 3, 4, and 5: Five-in-a-Row and Story Problems

Sessions 6, 7, and 8: Tens Go Fish

Session 9: Combining with Unknown Change

Sessions 10, 11, and 12: Addition and Subtraction

Session 13: Solving Story Problems

### **SFAW lessons replaced:**

4-5 Using Related Facts

4-6 Fact Families

4-7 Using Addition Facts to Subtract

4-8 Problem-Solving Skill: Choose an Operation

4-9 Problem-Solving Applications: Playful Puppies

11-3 Adding 10

11-6 Adding Three Numbers

11-8 Using Related Facts

11-9 Fact Families

11-13 Problem-Solving Skill: Multiple-Step Problems

11-14 Problem-Solving Applications: On the Farm

### **SFAW lessons to be taught/incorporated:**

11-1 Doubles

11-2 Doubles Plus 1 and Doubles Minus 1

11-4 Making 10 to Add

11-5 Applying Addition Fact Strategies

11-7 Problem-Solving Strategy: Make a Table

11-10 Using Addition to Subtract

11-11 Using 10 to Subtract

11-12 Applying Subtraction Fact Strategies

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## **End-of-Unit Assessment Options**

- *Investigations Assessment Sourcebook*, pp. 24–28
  - *SFAW Mathematics* Chapters 3, 4 and 11 Tests, Student Book pp. 121, 153, and 455
  - *SFAW ExamView®* Test Generator: Chapters 3, 4, and 11
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